

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM 6-K REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934 For the month of January 2025 Commission File Number: 001-41448 Gorilla Technology Group Inc. (Translation of registrant's name into English) Meridien House 42 Upper Berkeley Street Marble Arch London, United Kingdom W1H 5QJ (Address of principal executive offices) Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F: Form 20-F ☐ Form 40-F ☐ Explanatory Note On January 6, 2025, Gorilla Technology Group Inc., a Cayman Islands exempted company (the "Company"), issued a press release announcing updates to the Company's capitalization following the conversion of the Company's preference shares and the exercise of certain outstanding warrants of the Company. The press release is furnished as Exhibit 99.1 to this report on Form 6-K. As of January 3, 2025, the Company has 18,464,651 ordinary shares outstanding, excluding treasury shares. This reflects the full conversion of all the Company's preference shares, as well as the exercise of a combined total of 2,663,750 Series A, Series B, and Series C warrants. INCORPORATION BY REFERENCE Only the information included in the "Explanatory Note" section of this Report of Foreign Private Issuer on Form 6-K is hereby incorporated by reference into the Company's Registration Statements on Form F-3 (File Nos. 333-274053, 333-267838 and 333-276708) and on Form S-8 (File No. 333-275749) (including any prospectuses forming a part of such registration statements) and shall be a part thereof from the date on which this Report of Foreign Private Issuer on Form 6-K is filed, to the extent not superseded by documents or reports subsequently filed or furnished. The information included in Exhibit 99.1 of this Report of Foreign Private Issuer on Form 6-K is not incorporated by reference into the foregoing registration statements (nor into any prospectuses forming apart thereof). SIGNATURES Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this amended report to be signed on its behalf by the undersigned, thereunto duly authorized. Gorilla Technology Group Inc. Date: January 6, 2025 By: /s/ Jayesh Chandan Name: Jayesh Chandan Title: Chief Executive Officer (Principal Executive Officer) Exhibit Index Exhibit Description 99.1 Press release dated January 6, 2025 3 Exhibit 99.1 Gorilla Technology Announces Updated Share Count, Proceeds from Warrant Exercises, and Strengthened Market Position LONDON, January 06, 2025 (NewsFile Corp.) "Gorilla Technology Group Inc. ("Gorilla" or the "Company") (NASDAQ: GRRR), today announced its updated share count, proceeds from recent warrant exercises, and an update on its market capitalisation. As of January 3, 2025, Gorilla has 18,464,651 ordinary shares outstanding. This reflects the full conversion of all preference shares, as well as the exercise of a combined total of 2,663,750 Series A, Series B, and Series C warrants. The Company has received over \$15.7 million in fresh cash from the holders of these warrants in connection with their exercise. Based on the closing market share price of \$24.33 (as of January 2, 2025), Gorilla's updated market capitalisation stands at approximately \$449.2 million. Bruce Bower, Chief Financial Officer of Gorilla Technology, commented: "These milestones are a testament to the strong confidence our investors place in Gorilla's vision and growth trajectory. The additional proceeds further bolster our financial position, enabling us to accelerate strategic initiatives and strengthen our ability to deliver innovative solutions to our global customers. With a solid balance sheet and continued momentum, we believe we are well-positioned for long-term success." About Gorilla Technology Group Inc. Headquartered in London U.K., Gorilla is a global solution provider in Security Intelligence, Network Intelligence, Business Intelligence and IoT technology. We provide a wide range of solutions, including Smart City, Network, Video, Security Convergence and IoT, across select verticals of Government & Public Services, Manufacturing, Telecom, Retail, Transportation & Logistics, Healthcare and Education, by using AI and Deep Learning Technologies. Our expertise lies in revolutionizing urban operations, bolstering security and enhancing resilience. We deliver pioneering products that harness the power of AI in intelligent video surveillance, facial recognition, license plate recognition, edge computing, post-event analytics and advanced cybersecurity technologies. By integrating these AI-driven technologies, we empower Smart Cities to enhance efficiency, safety and cybersecurity measures, ultimately improving the quality of life for residents. For more information, please visit our website: Gorilla-Technology.com. Forward-Looking Statements This press release contains "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Gorilla's actual results may differ from its expectations, estimates and projections and consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believes," "predicts," "potential," "might" and "continues," and similar expressions are intended to identify such forward-looking statements. These forward-looking statements include, without limitation, statements regarding our beliefs about our ability to service our customers, to finance additional projects, to attract the attention of customers and win additional projects, along with those other risks described under the heading "Risk Factors" in the Form 20-F Gorilla filed with the Securities and Exchange Commission (the "SEC") on May 15, 2024 and those that are included in any of Gorilla's future filings with the SEC. These forward-looking statements involve significant risks and uncertainties that could cause actual results to differ materially from expected results. Most of these factors are outside of the control of Gorilla and are difficult to predict. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those indicated or anticipated by such forward-looking statements. Readers are cautioned not to place undue reliance upon any forward-looking statements, which speak only as of the date made. Gorilla undertakes no obligation to update forward-looking statements to reflect events or circumstances after the date they were made except as required by law or applicable regulation. Investor Relations Contact: Dave Gentry RedChip Companies, Inc. 1-407-644-4256 GRRR@redchip.com